

**Version to Show Changes Made**

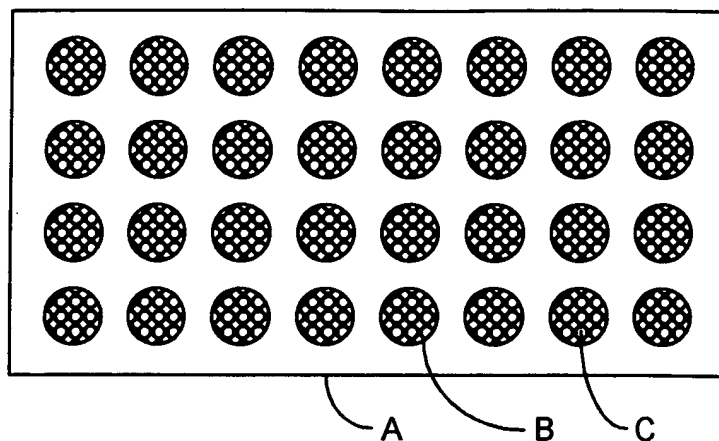
18. (Amended) A method of determining the presence of one or more target analytes in one or more samples comprising:

- a) contacting said one or more samples with a composition comprising:
  - i) a substrate with a surface comprising a plurality of assay locations, each assay location comprising an array location, comprising a plurality of discrete sites; and
  - ii) a population of microspheres comprising at least a first and a second subpopulation each comprising a bioactive agent;wherein said microspheres are distributed on said surface such that said discrete sites each contain no more than one microsphere; and
- b) determining the presence or absence of said target analyte.

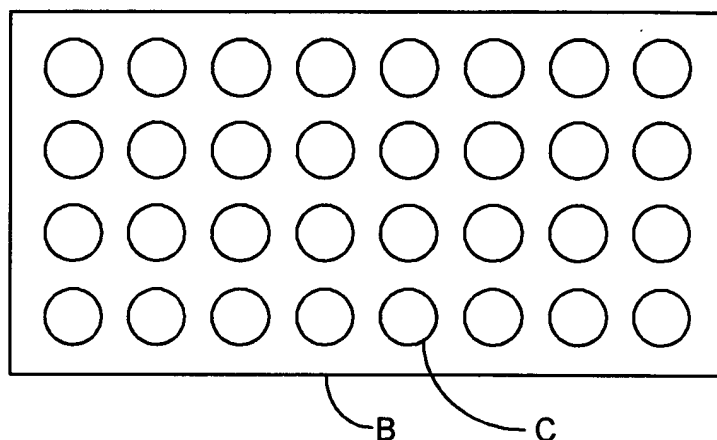
19. (Amended) A method of determining the presence of one or more target analytes in one or more samples comprising:

- a) adding said one or more samples to a first substrate comprising a plurality of assay locations, such that said sample is contained at a plurality of said assay locations;
- b) contacting said sample with a second substrate comprising:
  - i) a surface comprising a plurality of array locations, each array location comprising an array location, comprising a plurality of discrete sites, wherein at least one assay location is in fluid contact with at least one array location; and
  - ii) a population of microspheres comprising at least a first and a second subpopulation each comprising a bioactive agent;wherein said microspheres are distributed on said surface such that said discrete sites each contain no more than one microsphere; and

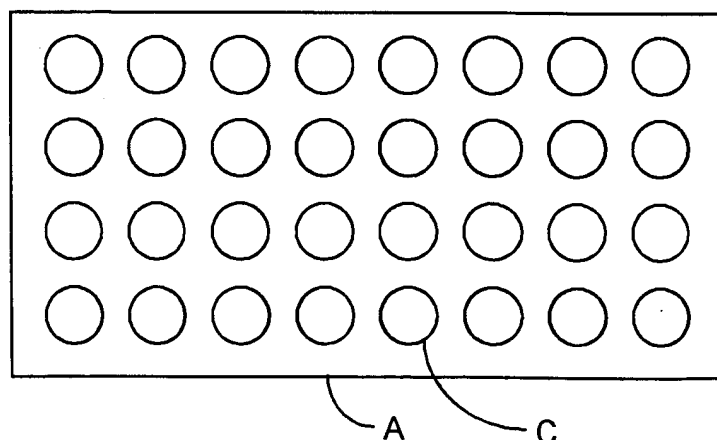
c) determining the presence or absence of said target analyte.



PRESENT INVENTION



INTERPRETATION 1  
(element A missing)



INTERPRETATION 2  
(element B missing)